

714

THE JOURNAL OF THE LINNEAN SOCIETY OF LONDON

ZOOLOGY

Vol. 45 (Nos. 303-307)

LONDON:
THE LINNEAN SOCIETY OF LONDON, BURLINGTON HOUSE
PICCADILLY, W.1.
1963-65

Dates of publication of the numbers included in Vol. 45

No. 303,	pp.	1-60,	published	October 1963
304	„	61-168	„	April 1964
305	„	169-250	„	October 1964
306-7	„	251-484	„	October 1965

CONTENTS

	PAGE
AGRAWAL, V. P. Functional morphology of the stomach of <i>Corophium volutator</i> Pallas	47
ALEXANDER, R. McN. Adaptation in the skulls and cranial muscles of South American characinoid fish	169
AUBER, L. The possible evolutionary significance of differences in feather structure between closely related Pittidae (Passeres: Mesomyodes)	245
BASU, A. N. New genera and species of aphids from the Darjeeling district, India (Homoptera: Aphididae)	223
CAIN, A. J. & CURREY, D. J. Area effects in <i>Cepaea</i> on the Larkhill artillery ranges, Salisbury Plain	1
CARROLL, ROBERT L. The earliest reptiles	61
COSTA, MICHAEL. Descriptions of the hitherto unknown stages of <i>Parasitus copridis</i> Costa (Acari: Mesostigmata) with notes on its biology	209
— The mesostigmatic mites associated with <i>Copris hispanus</i> (L.) (Coleoptera: Scarabaeidae) in Israel	25
CURREY, D. J., see CAIN, A. J.	
EVANS, F. & SHARMA, R. E. The Exocoetidae of the <i>Petula</i> transatlantic expedition	53
HICKLING, C. F. On the small deep-sea shark <i>Etmopterus spinax</i> L., and its Cirripede parasite <i>Anelasma squalicola</i> (Loven)	17
KOHN, ALAN J. Type specimens and identity of the described species of <i>Conus</i> II. The species described by Solander, Chemnitz, Born and Lightfoot between 1766 and 1786	151
*LOWE (McCONNELL), ROSEMARY H. The Fishes of the Rupununi savanna district of British Guiana, South America, Part 1	103
MANTON, S. M. The evolution of arthropodan locomotory mechanisms, Part 8. Functional requirements and body design in Chilopoda, together with a comparative account of their skeletal-muscular systems and an Appendix on a comparison between burrowing forces of annelids and chilopods and its bearing upon the evolution of the arthropodan haemocoel	251
OMER-COOPER, JOSEPH. On <i>Protohydra psamanthe</i> n. sp. from South Africa	145
SHARMA, R. E., see EVANS, F.	
TILL, W. M. A revision of the genus <i>Pellonyssus</i> Clark and Yunker (Acari: Mesostigmata).	85
WICKSTEAD, J. H. Acraniate larvae from the Zanzibar area of the Indian Ocean	191
— On the status of the 'amphioxides' larva	201

* This paper has its own lists of the fishes mentioned (pages 140-44) and the names of these species have not been included in the main index.

INDEX

This index is not exhaustive. Names given only a brief mention in the text have not been included. New genera and species are shown in bold type.

- Alliphis**
 evansi 39
 gurei 39-41, 42, 43
 halleri 37-9, 42, 43
 pterophilus 40-1
 santodiasi 39
 siculus 39
Amia 170, 186
Amphioxides 201-7
 pelagicus 203
 — var. *stenurus* 191, 192, 193, 194-5, 196, 198
 stenurus 196, 198
 valdiviae 191, 192, 193, 194-5, 196-7, 198
Anamorpha 289-312
Anelasma
 squalicola 17, 20-4
Anisitsia 187-8
 notata 171
Anisopus 265-6
Arapaima 186
Archerpeton 76, 82
 anthracos 76-9
Asymmetron
 agassizi 197
 cultellus 191, 192, 193, 194-6, 197-8
 lucayanum 191, 197
 maldivense 191, 196, 197
 parvum 197

Brachymyzus 223-4
 jasmini 223, 225-6
Branchiostoma
 belcheri 191, 197-8
 lanceolatum 191, 195
 malayana 192, 195, 197-8
Brycon 169-70, 172-5
 falcatus 170, 171
 meeki 170

Carnegiella 181
Cavariella
 nigra 240-1
Cepaea
 hortensis 1-15
 nemoralis 1-15
Cervinipitta 245-50
Chaetechelyne
 vesuviana 254
Chilopoda 251-483
Cillibano
 heliocopridis 42
Clinopodes
 flavidus flavidus 254

Conus 151-67
 ammiralis 161, 162
 araneosus 160
 architalassus 161
 asper 154
 augur 161
 aulicus 157
 candidus 154
 capitaneus 156
 cedonulli 162
 centurio 154-5
 circumcisis 155
 clavus 159
 dominicanus 162
 dormitor 151-2
 ermineus 156
 figulinus 163
 fuscatus 156-7
 gloriamaris 152-3
 imperialis 157
 leoninus 161-2, 163
 lineatus 152
 magus 161
 mappa 162
 marmoreus 154, 162
 mercator 158
 nocturnus 162
 papilionaceus 163
 pennaceus 157
 planorbis 157-8
 pulcher 163
 quercinus 163
 reticulatus 158
 scabriculus 152
 striatus 161-2
 sulcatus 154
 terebra 159
 tessulatus 159-60
 textile 163
 undulatus 163
 virgo 154, 159
Coprinae 43
Copris
 hispanus 25-45, 216, 221
Coprolaelaps
 caputmedusae 35, 42, 43
Cormocephalus 254-75
 calcaratus 254
 nitidus 254
 pseudopunctatus 254
Corophium
 volutator 47-52
Coryphaena
 hippurus 57-8
Craterostigmus 254-75
 tasmanianus 254, 312-23, 342-8

- Creatochanes 171, 172-5
 affinis 171
 Cryptops 254-75
 anomalans 254
 hortensis 254
 spinipes 254
 trisulcatus 254
- Dactylopterus
 volitans 58
 Danichthys
 rondeletii 56
- Elops 169
 Erythrurus 186
 Erythropitta 247, 249
 Etmopterus
 spinax 17-20, 22-4
 Eviphis 41, 42
 Exocoetus
 obtusirostris 55, 56
 volitans 53-5, 56-7
- Fritschia
 curtidentata 62, 63
- Gamasodes
 spiniger 32, 42
 Geophilomorpha 276-87, 339-42
 Geophilus 254-75
 carpophagus 254, 279, 282
 Glyphotholaspis
 americana 32, 42
 Gnathoribautia
 bonensis 254
 Greenideoida
 lammersi 232-3
- Haplophilus
 subterraneus 254, 278-9
 Henia
 pulchella 254
 Himantarium 256
 gabrielis 254, 276
 Hirundichthys
 affinis 53, 55, 56, 57, 59
 speculiger 55, 56, 58, 59
 Hoplias 170, 184-7
 malabaricus 171
 Hylerpeton
 curtidentatum 62
 Hylonomus 61
 latidens 79
 lyelli 61, 62-76, 82
- Iridae 43
- Leporinus 181-4
 friderici 171, 183
- Liosomaphis
 himalayensis 231-2
 Lithobius 255-75, 284
 castaneus 254
 forficatus 254
 nudicornis 254
 variegatus 254
- Macrocheles
 merdarius 32, 42
 punctillatus 32
 robustus 32, 42
 rothamstedensis 32
- Masonaphis
 anaphalidis 229-30
 Metatrichosiphon
 nandii 233-5
 Mollitrichosiphum
 nandii 233-5
 Myleus 175-7
 paeu 176
 rubripinnis 171, 175-6
- Neobetulaphis 226
 pusilla 226-9
- Oedisiphum
 soureni 238-40
 Orya 276-8
 barbarica 254
 Oxyporhamphus
 micropterus similis 53, 56
- Pachylaelaps
 hispani 32-5, 42, 43
 Parasitus
 coleopratorum 27-8, 42
 copridis 29-30, 42, 43, 209-22
 fimetorum 28, 42, 43
 heliocopridis 29-30
 hypersetosus 30-3, 42
 Parexocoetus
 brachypterus hillianus 53 56
 Passalidae 43
 Pelethiphis 41
 Pellonyssus 85-102
 biscutatus 86, 87, 88, 89, 90, 91-2
 malurus 85
 reedi 85, 86, 87, 88, 89, 90, 92-5
 similis 86, 87, 89, 90, 95-7
 trachyphoni 85, 86, 87, 88, 89, 90, 97-9
 viator 90, 99-100
 zosteropus 88, 89, 90, 100-2
 Phoenicocichla 247, 249
 Pitta 245-50
 angolensis angolensis 245, 247, 249
 — longipennis 245, 247
 reichenowi 245, 247, 249
 versicolor 247
 Poecilobrycon 184

- Poecilochirus
 necrophori 216
 Proctolaelaps
 parascolyti 35-6, 42
 Prognichthys
 gibbifrons 55, 56, 57
Protoclepsydrops 79, 82
 haplous 79-82
 Protohydra 145-50
 caulleryi 147
 leuckarti 146-7
 psamanthe 146-7, 148
 Purpureipitta 247, 249
 Pyrrhulina 180-1
 filamentosa 171
- Scarabaeidae 43
 Scolopendra 254-75
 canidens oraniensis 254
 cingulata 254
 viridicornis 254
 Scolopendromorpha 283-312
- Scolytidae 43
 Scutigera 254-75, 334-9
 coleoptrata 254
 Serrasalmus 177-80
 rhombeus 171
 Sitobion
 indicum 230-1
Subovatomyzus 241
 leucosceptri 241-3
- Uropoda 42, 43
 copridis 41, 42
 integra 42
- Vesiculaphis
 grandis 235-7
 pieridis 237-8
- Zygoseius
 fureiger 36-7